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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/561,380	08/28/2006	Todd Garrett Simpson	037652.00050	6475

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EXAMINER	
WRIGHT, BRYAN F	

ART UNIT	PAPER NUMBER
2131	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/561,380	SIMPSON, TODD GARRETT	
	Examiner	Art Unit	
	BRYAN WRIGHT	2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *28 August 2006*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-26* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-26* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *16 December 2005* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *2/26/2008*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This action in response to application August 28, 2006. Claims (1-26) are pending.

Claim Rejections - 35 USC § 112

2. Claims 25 recites the limitation " **tracking preferences is accomplished by tracking the frequency with which the user selects information from the sets** ". There is insufficient antecedent basis for, "**the sets**" in this limitation as claimed.

3. Claims 26 recites the limitation " **tracking preferences is accomplished by tracking the recently selected information from the sets** ". There is insufficient antecedent basis for, "**the sets**" in this limitation as claimed.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Williams (EPA 1031913 A2 (cited from IDS)).

5. As to claim 1, Williams teaches a **information identification system, comprising: a platform-framework software module which includes executable instructions to receive input from a user** [fig. 1];

a data-type software module which includes executable instructions to identify types of data that might be returned to the user, the types of data being selected from a list of possible types of data based on input from the user [par. 19];

a service-descriptor software module which includes executable instructions to identify valid actions corresponding to each identified type of data, the valid actions being selected from a list of possible actions (i.e., ... teaches disambiquation software [42, fig. 3]);

a first information-search software module which includes executable instructions to identify a first set of information corresponding to a first one of the identified valid actions (i.e., ...teaches a process step 100 of fig. 11 for key press recognition such that a user presses a key on the keypad, said process will identify the action taken by user and correspond user action with appropriate alphanumeric character or system designated control function (i.e., send);

a second information-search software module which includes executable instructions to identify a second set of information corresponding to a second one of the identified valid actions (i.e., …teaches

a process step 103 of fig. 11 for which provides the capability to match user entry with stored information);

a processor, capable of executing at least one of the software modules [18, fig. 2];

and a user interface, capable of providing the sets of information to the user such that the first set of information is more easily accessed by the user than the second set of information (i.e., …teaches a LCD screen for displaying information to user [3, fig. 1]).

6. As to claim 2, Williams teaches a **system further comprising a platform-aware software module which includes executable instructions to identify an environment** (i.e., languages) **in which the user is providing input** (i.e., …teaches all languages supported by the predictive editor program [par 64}).

7. As to claim 3, Williams teaches a **system where the data-type software module includes executable instructions to select the types of data based on the environment** (i.e., languages) (i.e., ... teaches a submenu for selectable criteria [par . 64]).

8. As to claim 4, Williams teaches a **system where the types of data include phone numbers** (i.e., … teaches a selection list the various interpretation and option such that the user is allowed to select from a list [par. 19]).

9. As to claim 5, Williams teaches a **system where the types of data include universal resource locators** (i.e., … teaches a selection list the various interpretation and option such that the user is allowed to select from a list [par. 19]).

10. As to claim 6, Williams teaches a **system where the types of data include names of human beings** (i.e., … teaches names will be recognized as candidates when enter text [par. 67]).

11. As to claim 7, Williams teaches a **system where the types of data include names of locations** (i.e., … teaches names will be recognized as candidates when enter text [par. 67]).

12. As to claim 8, Williams teaches a **system where the types of data include searching addresses** (i.e., ... teaches disambiguation software passing data string to another application program [par. 23] ... further teaches application program of type phone book or internet browsing. Those skilled in the art would recognize the passing of data string analogous to search. Such that the passing data as a parameter in a software routine for which returns match of correlated with data parameter passed).

13. As to claim 9, Williams teaches a **system where the valid actions include searching a data base of phone numbers** (i.e., ... teaches disambiguation software passing data string to another application program [par. 23] ... further teaches application program of type phone book or internet browsing. Those skilled in the art would recognize the passing of data string analogous to search. Such that the passing data as a parameter in a software routine for which returns match of correlated with data parameter passed).

14. As to claim 10, Williams teaches a **system where the valid actions include searching a data base of universal resource locators** (i.e., ... teaches disambiguation software passing data string to another application program [par. 23] ... further teaches application program of type phone book or internet browsing. Those skilled in the art would recognize the passing of data string analogous to search. Such that the passing data as a parameter in a software routine for which returns match of correlated with data parameter passed).

15. As to claim 11, Williams teaches a **system where the valid actions include searching a data base of names of human beings** (i.e., ... teaches disambiguation software passing data string to another application program [par. 23] ... further teaches application program of type phone book or internet browsing. Those skilled in the art would recognize the passing of data string analogous to search. Such that the passing data as a parameter in a software routine for which returns match of correlated with data parameter passed).

16. As to claim 12, Williams teaches a **system where the valid actions include searching a data base of names of locations** (i.e., ... teaches disambiguation software passing data string to another application program [par. 23] ... further teaches application program of type phone book or internet browsing. Those skilled in the art would recognize the passing of data string analogous to search. Such that the passing data as a parameter in a software routine for which returns match of correlated with data parameter passed).

17. As to claim 13, Williams teaches a **system where the valid actions include searching a data base of addresses** (i.e., ... teaches disambiguation software passing data string to another application program [par. 23] ... further teaches application program of type phone book or internet browsing. Those skilled in the art would recognize the passing of data string analogous to search. Such that the passing data as a parameter in a software routine for which returns match of correlated with data parameter passed).

18. As to claim 14, Williams teaches a **system where the executable instructions of the first information search software module include instructions to parse a database of information from which the first set of information is identified** (i.e., … teaches a the ability to evolve a match such that user input is compared with data stored [par. 34]).

19. As to claim 15, Williams teaches a **system further comprising a duplicate-identifier software module, which includes executable instructions to identify duplicate information, the duplicate information being information that appears in the first set of information and the second set of information** (i.e., … teaches data match (i.e. duplicate) [par. 46 and par. 47]).

20. As to claim 16, Williams teaches a **system where the duplicate-identifier software module includes executable instructions to remove the duplicate information from the second set of information** (i.e.,… teaches a clear function [par. 46]).

21. As to claim 17, Williams teaches a **system further comprising a learning software module, which includes executable instructions to track preferences of the user and determine from the preferences whether the sets of information should be provided to the user such that the second set of information is more easily accessed by the user than the first set of information** (i.e., … teaches a storing a data such that the data will become predictable by the predictive editor thereafter [par. 65]).

22. As to claim 18, Williams teaches a **method of identifying information, comprising: receiving input from a user** (i.e., ... teaches receiving user defived inputs [abstract]);

identifying types of data that might be returned to the user, the types of data being selected from a list of possible types of data based on the input from the user [par. 19];

identifying valid actions corresponding to each type of data identified, the valid actions being selected from a list of possible actions (i.e.,… teaches a submenu for which user may make selection action. .... further teaches user selection action is recognize by predictive editor [par. 64]);

identifying a first set of information corresponding to a first one of the valid actions [par. 19];

identifying a second set of information corresponding to a second one of the valid actions [par. 19];

providing the sets of information to the user such that the first set of information is more easily accessed by the user than the second set of information (i.e., …teaches a LCD screen for displaying information to user [3, fig. 1]).

23. As to claim 19, Williams teaches a **method further comprising identifying an environment in which the user is providing input** (i.e., …teaches all languages supported by the predictive editor program [par 64}).

24. As to claim 20, Williams teaches a **method further comprising identifying an environment and selecting types of data based on the**

environment (i.e., … teaches a selection list the various interpretation and option such that the user is allowed to select from a list [par. 19]).

25. As to claim 21, Williams teaches a **method further comprising parsing a database of information from which the first set of information is identified** (i.e., … teaches a the ability to evolve a match such that user input is compared with data stored [par. 34]).

26. As to claim 22, Williams teaches a **method further comprising identifying duplicate information, the duplicate information being information that appears in the first set of information and the second set of information** (i.e., … teaches data match (i.e. duplicate) [par. 46 and par. 47]).

27. As to claim 23, Williams teaches a **method further comprising removing the duplicate information from the second set of information** (i.e.,… teaches a clear function [par. 46]).

28. As to claim 24, Williams teaches a **method further comprising tracking preferences of the user and determining from the preferences whether the sets of information should be provided to the user such that the second set of information is more easily accessed by the user than the first set of information** (i.e., ... teaches a system architecture for which keeps track of user

input [par. 20] ... further teaches a system architecture making a determination of data displayed (i.e., **accessed**), on data inputted by user [par. 22]).

29. As to claim 25, Williams teaches a **method where tracking preferences is accomplished by tracking the frequency with which the user selects information from the sets** (i.e., set of keys) (i.e., ... teaches a system architecture for which keeps track of user input [par. 20]).

30. As to claim 26, Williams teaches a **method where tracking preferences is accomplished by tracking the recently selected information from the sets** (i.e., set of keys) (i.e., ... teaches a system architecture for which keeps track of user input [par. 20]).

Prior Art Made of Record

31. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Rossmann (US Patent No. 5,911,485) Predictive data entry method for a keypad

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRYAN WRIGHT whose telephone number is

(571)270-3826. The examiner can normally be reached on 8:30 am - 5:30 pm Monday -Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, AYAZ Sheikh can be reached on (571)272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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